

## EXP-7

### Group A2

- a. Design a Switch Controlled 4-Bit Adder/Subtractor Circuit (using Adder IC).  
If  $S = 0$  if performs subtraction (Only  $A > B$ )  
If  $S = 1$  if performs Addition
- b. Design a BCD Adder Circuit.
- c. Design a BCD Subtractor Circuit. (for both  $A > B$  and  $A < B$ )